



UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
BOX 99100 YUMA, ARIZONA 85369-9100

IN REPLY REFER TO:

StaO 4790.15A
3SAR
07 AUG 2003

STATION ORDER 4790.15A

From: Commanding Officer
To: Distribution List

Subj: ENLISTED ENGINE WASH OPERATORS QUALIFICATION AND DESIGNATION

Ref: (a) OPNAVINST 4790.2H
(b) NA01-11OHCE-1/1B
(c) NA01-11OHCE 6-3

Encl: (1) Enlisted Engine Wash Operators Designation Form
(2) Enlisted Engine Wash Operators Spot Check

1. Purpose. To establish qualification and designation criteria for enlisted personnel to motor aircraft engines for wash purposes only.
2. Cancellation. StaO 4790.15.
3. Background. The Search and Rescue (SAR) Division Maintenance Department is tasked to perform power section recovery wash every 25 flight hours as per ref (c). It is essential that this task be performed in a timely and expeditious manner. By permitting enlisted personnel to motor aircraft engines, SAR's mission readiness is improved.
4. Action. Engine Wash Operator, candidates must:
 - a. Be recommended by their work center NCOIC.
 - b. Be senior experienced maintenance person.
 - c. Be a Quality Assurance Representative/Collateral Duty Quality Assurance Representative/Collateral Duty Inspector or a Plane Captain in model.
 - d. Be approved by the SAR OIC/Aircraft Maintenance Officer.
5. Responsibilities
 - a. Maintenance Control/Work Center Supervisor shall:
 - (1) Submit names of qualified candidates to the AMO/SAR OIC using encl (1).
 - (2) Maintain Engine Wash Operators Cockpit Checklist and issued to Engine Wash Operator during 25 hour inspection.
 - b. Quality Assurance NCOIC shall
 - (1) Receive candidate recommendation from AMO/SAR OIC.
 - (2) Administer Engine Wash Operators Test, grade and evaluate.
 - (3) Coordinate with AMO/SAR OIC to administer operational examination given by a Functional Check Pilot in accordance with encl (2).

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(4) Upon successful completion of test and operational exam, type and route Engine wash Operators Designation Form.

(5) Maintain master Engine Wash Operators Cockpit Checklist.

(6) Maintain a jacket on all Engine Wash Operators to include a copy of designation, test, and exam results and spot checks results.

(7) At a minimum, once a quarter, audit engine wash operators using encl (2).

(8) Yearly, evaluate engine wash operators and recommend to AMO/OIC to cancel or remain.

c. Aircraft Maintenance Officer/Officer in Charge Responsibilities:

(1) Approve or disapprove engine wash operator candidates.

(2) Ensure QA administer tests.

(3) Ensure Functional Check Pilot administers operational exam.

(4) Designate in writing engine wash operator per encl (1).

(5) Ensure yearly evaluation of engine wash operators.

d. Individual Engine Wash Operator Responsibilities:

(1) Check out Power Section Recovery Wash Maintenance Requirement Card from work center.

(2) Ensure maintenance personnel have all gear/equipment necessary to perform engine wash.

(3) Adhere strictly to Power Section Recovery Wash Maintenance Requirement Cards per ref (c).

(4) Return Power Section Recovery Wash Maintenance Requirement Cards to wash center when aircraft engine wash is complete.

6. Certification. Reviewed and approved this date.


J. J. COONEY

DISTRIBUTION: SPL
SAR (10)

ENLISTED ENGINE WASH OPERATOR DESIGNATION FORM

From: Work Center NCOIC
To: Quality Assurance NCOIC

Subj: _____ HAS BEEN NOMINATED AS A QUALIFIED CANDIDATE
TO MOTOR ENGINES ON THE HH-1N FOR ENGINE WASHES ONLY.

Work Center OIC/NCOIC Date

From: Quality Assurance OIC/NCOIC
To: Aircraft Maintenance Officer/SAR OIC

Subj: _____ has passed/failed the written examination
for wash operator on the HH-1N and is/is not further recommended to be
administered the operational examination to be given by a unit pilot.

QA OIC/NCOIC Date

From: Unit Pilot
To: Aircraft Maintenance Officer/SAR OIC

Subj: _____ has been administered the examination on
motoring engines on the HH-1N for engine washes only. I feel he is/is not
qualified to be designated as a Engine Wash Operator.

SAR Pilot Date

From: Aircraft Maintenance Officer/SAR OIC
To: All Concerned

Subj: AUTHORIZATION TO MOTOR ENGINES ON THE HH-1N FOR ENGINE WASHES ONLY

Ref: (a) OPNAVINST 4790.2H
(b) Current SAR Program

1. In accordance with ref (a) and (b) Name, Rank and SSN is hereby designated
as an engine wash operator on the HH-1N for SAR Division.

Engine Wash Operator Date

AMO/SAR OIC Date

Enclosure (1)

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ENLISTED ENGINE WASH OPERATOR DESIGNATION FORM

From: Quality Assurance

To: SAR NCOIC

Subj: ENGINE WASH OPERATORS SPOT CHECKLIST

Ref: (a) OPNAVINST 4790.2h

(b) Local SAR Program

1. An engine wash operator spot check was performed on _____ by _____ on date _____.

2. The following areas were checked:

a. Is the operator designated in writing by the AMO/SAR OIC? YES NO

b. Did the operator use the checklist to perform engine wash? YES NO

c. Did the operator follow the checklist? YES NO

e. Were all personnel following safety procedures? YES NO

f. Were any problems encountered? YES NO

g. Does the operator need additional training? YES NO

3. Quarterly check _____.

4. Remarks:

Enclosure (2)